

Shoring Location No. 1

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION 20+95 -L-, 23 FT RT., TO STATION 21+07 -L-, 28 FT RT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND WATER SURFACE ELEVATION:

WATER SURFACE = 757 FT (10-27-14)  
 UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF  
 FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
 COHESION (c) = 0 LB/SF

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 20+95 -L-, 23 FT RT., TO STATION 21+07 -L-, 28 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 20+95 -L-, 23 FT RT., TO STATION 21+07 -L-, 28 FT RT. MAY NOT PENETRATE BELOW ELEVATION 714 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 20+95 -L-, 23 FT RT., TO STATION 21+07 -L-, 28 FT RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 20+95 -L-, 23 FT RT, TO STATION 21+07 -L-, 28FT RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

12/3/2015  
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 User:rmgarratt

APPROVED: <u>Shane C. Clark</u> <small>1F4E87E60A06EA</small> DATE: 12/3/2015 SEAL	 	TEMPORARY SHORING NOTES
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